

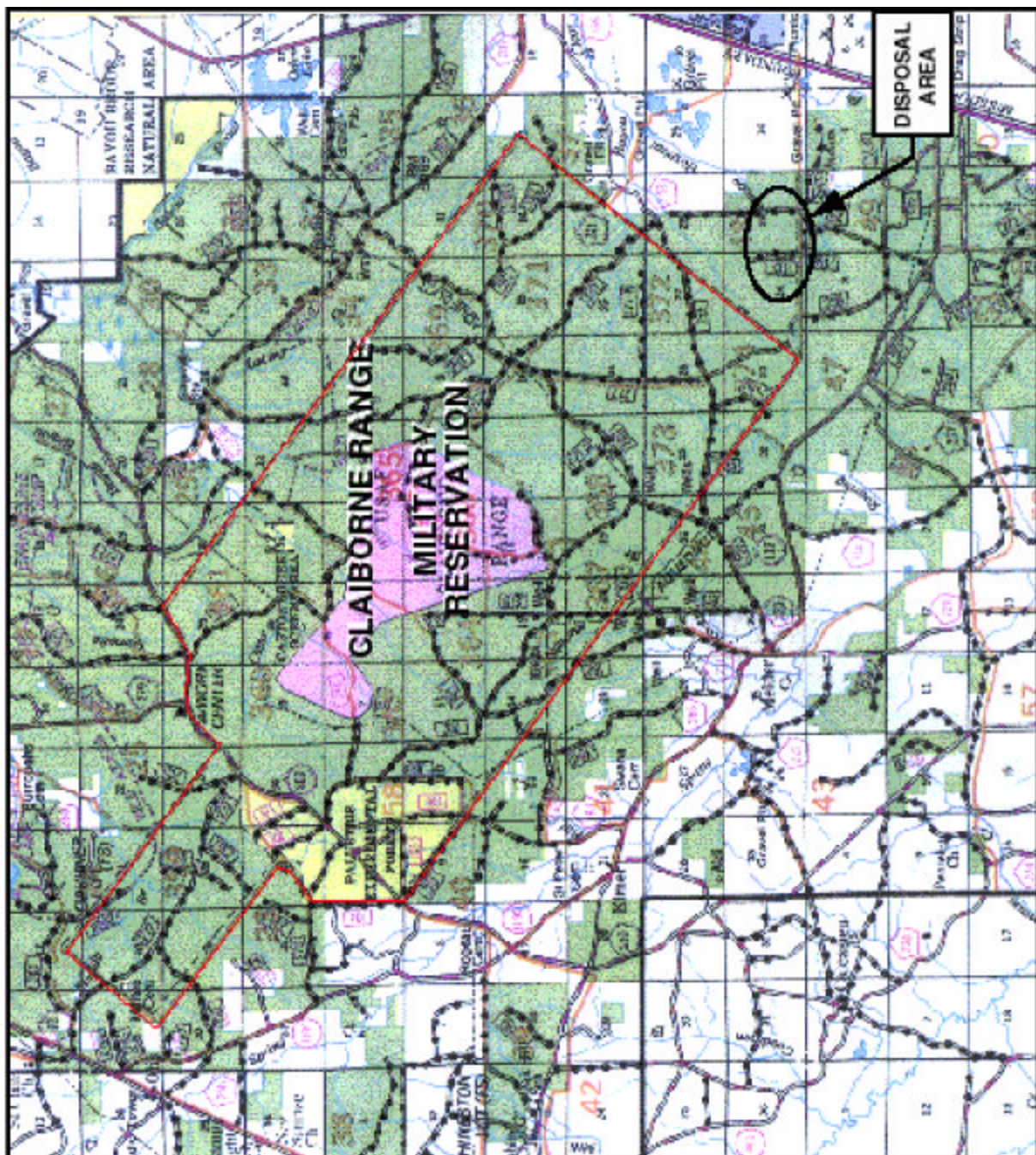
1.0 INTRODUCTION

1.1 TCRA Site

The areas which were to be remediated under the UXB, Inc. Time Critical Removal Action (TCRA) contract consisted of two campgrounds and numerous roads and trails in the areas surrounding the campgrounds. The campgrounds were searched with magnetometers in their entirety, and the roads and trails searched with the magnetometer to include a 10' section on either side of the road or trail. Any anomalies discovered during the search were unearthed to a depth of 18 inches below the surface. Figure 1.1 shows the general area of the TCRA and Figure 1.2 is a more detailed map of the area to be cleared and the disposal site. Table 1.1 lists all UXO's found by UXB and their treatment.

Section 5.0 contains references pertaining to Camp Claiborne which were used to familiarize and plan for this task and to prepare this report. The intended course of action in carrying out this task was to collect three sets of soil and water samples from the site for analysis. (The original intent was to collect two sets, the third set was added after the task had begun). The first set of samples was to be the baseline and was collected from the selected demolition site prior to any ammunition being detonated. The second set of samples was collected at the time of the first detonation at the demolition site, and the third set of samples was collected from the demolition site after all remediation activities for the TCRA phase had been completed.

After each set of samples was collected, they were stored in an ice chest and transported by car to the laboratory for analysis.



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Figure 1.1 Camp Claiborne, Louisiana OBOD Area

CAMP CLAIBORNE OBOD AREA

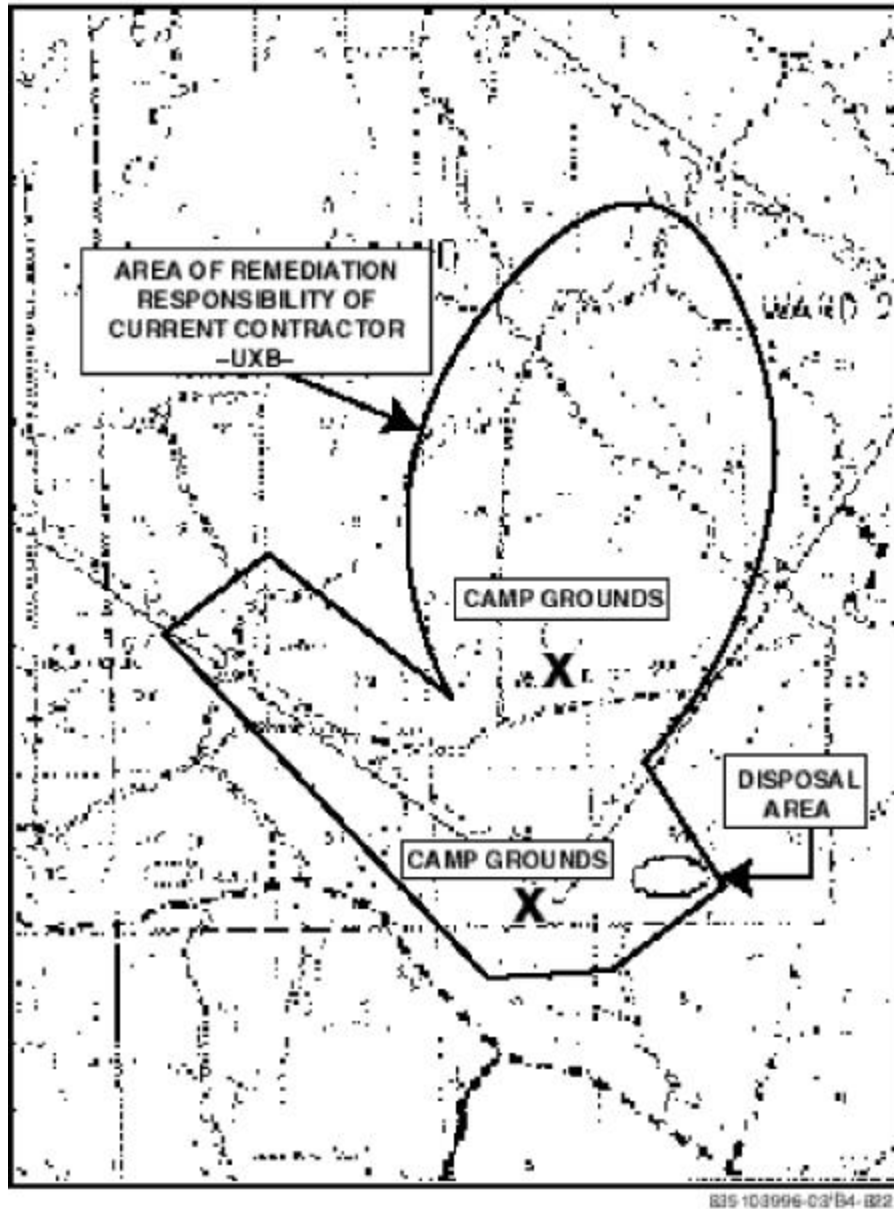


Figure 1.2 Camp Claiborne OBOD Area (Enhanced Scale)

TABLE 1.1 TCRA Demolition Operations at Camp Claiborne

UXB Project Number: DACA87-93-D-002

DEMOLITION OPERATIONS

D.O.: 016

Date	Grid	20 MM	M51 Fuze	2.36" Rocket	155 MM Projo	Practice Bomb	Other	Total	Remarks
5/16/95	CG1-0J	0	0	1	0	0	0	1	Blow-In-Place (BIP)
		Demolition Materials Utilized for BIP ;							
									- 18 Inches of 200 Grain Linear Charge
									- 10 Feet Detonating Cord
									- 2 Each Electric Blasting Caps
Totals		0	0	1	0	0	0	1	
									Grand Totals
								1	

Date	Grid	20 MM	M51 Fuze	2.36" Rocket	155 MM Projo	Practice Bomb	Other	Total	Remarks
6/15/95	CG2-S4	0	0	0	1	0	0	1	Blow-In-Place (BIP)
		Demolition Materials Utilized for BIP ;							
									- 8 Each T-100 Yellow Stick
									- 10 Feet Detonating Cord
									- 2 Each Electric Blasting Caps
Totals		0	0	0	1	0	0	1	
									Grand Totals
								2	

Date	Grid	20 MM	M51 Fuze	2.36" Rocket	155 MM Projo	Practice Bomb	Other	Total	Remarks
6/27/95	Various	1,535	1	0	0	26	1	1,563	8 Inchs of 200 Grain Linear Charge
		0	0	0	0	0	1	1	2.25 Inch Sub-Caliber Aircraft Rocket (SCAR)
		0	0	0	0	0	1	1	3.5 Inch Rocket Warhead
		0	0	0	0	0	1	1	M57 P.D. Fuze
		0	0	0	0	0	6	6	P.D. Fuzes
		Demolition Materials Utilized for Disposal -							
									- 16 Each T-100 Yellow Stick
									- 192 Pounds Kinepac (K-4-P - 48 Each)
									- 200 Feet Detonating Cord
									- 2 Each Electric Blasting Caps
Totals		1,535	1	0	0	26	10	1,572	
									Grand Totals
								1,574	

Date	Grid	20 MM	M51 Fuze	2.36" Rocket	155 MM Projo	Practice Bomb	Other	Total	Remarks
6/29/95	CG2-S7	0	0	0	0	0	1	1	37MM Blow-In-Place (BIP)
		Demolition Materials Utilized for BIP ;							
									- 1 Each T-100 Yellow Stick
									- 10 Feet Detonating Cord
									- 2 Each Electric Blasting Caps
Totals		0	0	0	0	0	1	1	
									Grand Totals
								1,575	

Date	Grid	20 MM	M51 Fuze	2.36" Rocket	155 MM Projo	Practice Bomb	Other	Total	Remarks
6/29/95	R258-51	0	0	0	0	0	1	1	M117 Dema Bomb - 750 Pounds Blow-In-Place
		0	0	0	0	0	1	1	M23 Ignitor with M173 Fuze Blow-In-Place (BIP)
		Demolition Materials Utilized for BIP ;							
									- 7 Each T-100 Yellow Stick
									- 50 Feet Detonating Cord
									- 4 Each Electric Blasting Caps
Totals		0	0	0	0	0	2	2	
									Grand Totals
								1,577	

TABLE 1.1 TCRA Demolition Operations at Camp Claiborne
(Continued)

UXB Project Number: DACA87-93-D-002

DEMOLITION OPERATIONS

D.O.: 016

Date	Grid	20 MM	M51 Fuze	2.36" Rocket	155 MM Projo	Practice Bomb	Other	Total	Remarks
7/18/95	Various	1,507	0	0	0	67	25	1,599	P.D. Fuzes
		0	0	0	0	0	2	2	75 MM Projectiles
		0	0	0	0	0	1	1	M-14 Delay Element
		0	0	0	0	0	2	2	M.T. Fuze
		0	0	0	0	0	1	1	2.75 Inch Rocket Warhead
		0	0	0	0	0	2	2	37 MM Projectile T.P.
Demolition Materials Utilized for Disposal - 5 Each T-100 Yellow Stick - 100 Pounds T-100 Slurry - 80 Feet Detonating Cord - 2 Each Electric Blasting Caps									
Totals		1,507	0	0	0	67	33	1,607	
Grand Totals								3,184	

Date	Grid	20 MM	M51 Fuze	2.36" Rocket	155 MM Projo	Practice Bomb	Other	Total	Remarks
7/20/95	T-2 Grid 47	0	0	0	0	0	1	1	37 MM Projectile w/ M-38 Fuze
Demolition Materials Utilized for BIP ; - 1 Each T-100 Yellow Stick - 2 Each Electric Blasting Caps									
Totals		0	0	0	0	0	1	1	
Grand Totals								3,185	

Date	Grid	20 MM	M51 Fuze	2.36" Rocket	155 MM Projo	Practice Bomb	Other	Total	Remarks
7/1/95	Various	1,265	0	0	0	0	17	1,282	P.D. Fuzes
		0	0	0	0	30	0	30	BDU-33s
		0	0	0	0	4	0	4	MK-106s
		0	0	0	0	14	0	14	MK-23s
		0	0	0	0	0	1	1	MK-4 Signal Cartridge
		0	0	0	0	2	0	2	MB-2
		0	0	0	0	0	1	1	Projectile Ejection Flare
Demolition Materials Utilized for Disposal - 5 Each T-100 Yellow Stick - 100 Pounds T-100 Slurry - 60 Feet Detonating Cord - 2 Each Electric Blasting Caps									
Totals		1,265	0	0	0	50	19	1,334	
Grand Totals								4,519	

Date	Grid	20 MM	M51 Fuze	2.36" Rocket	155 MM Projo	Practice Bomb	Other	Total	Remarks
8/2/95	Trail 8-3	0	0	0	0	0	1	1	2.75 Inch Warhead w/ P.D. Fuze
Demolition Materials Utilized for BIP ; - 1 Each T-100 Yellow Stick - 2 Each Electric Blasting Caps									
Totals		0	0	0	0	0	1	1	
Grand Totals								4,520	

Date	Grid	20 MM	M51 Fuze	2.36" Rocket	155 MM Projo	Practice Bomb	Other	Total	Remarks
8/9/95	R253B-4	0	0	0	0	0	1	1	37MM Projectile with M-38 Fuze
Demolition Materials Utilized for BIP ; - 1 Each T-100 Yellow Stick - 2 Each Electric Blasting Caps									
Totals		0	0	0	0	0	1	1	
Grand Totals								4,521	

TABLE 1.1 TCRA Demolition Operations at Camp Claiborne
(Continued)

UXB Project Number: DACA87-93-D-002

DEMOLITION OPERATIONS

D.O.: 016

Date	Grid	20 MM	M51	2.36"	155 MM	Practice	Other	Total	Remarks
		Fuze	Rocket	Projo	Bomb				
8/24/95	Various	460	0	0	0	0	1	461	P.D. Fuze
		0	0	0	0	75	0	75	BDU-33's
		0	0	0	0	1	0	1	Mk 106
		0	0	0	0	6	0	6	Mk 23
		0	0	0	0	0	1	1	37MM Projectile
		0	0	0	0	3	0	3	MB-2
		0	0	0	0	0	1	1	2.75" Warhead
		0	0	0	0	0	1	1	75MM Projectile
Demolition Materials Utilized For Disposal				'4 Each - Electric Blasting Caps					
				'25 Each - T-100 Yellow Stick					
				'20 Each - T-100 Slurry					
				'580 Feet - Detonating Cord					
				'9 Each - 800 Grain Linear Charge					
Totals		460	0	0	0	85	4	549	
Grand Totals								5,067	